

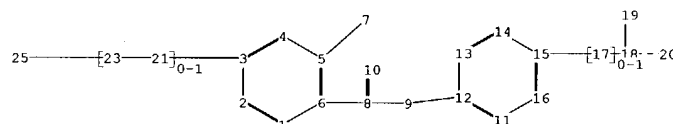
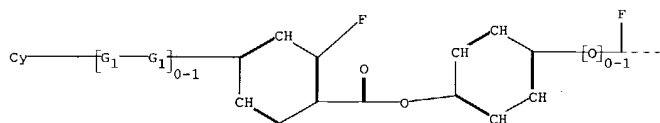
# WEST Search History

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DATE: Wednesday, November 10, 2004

<b>Hide?</b>	<b>Set Name</b>	<b>Query</b>	<b>Hit Count</b>
		<i>DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ</i>	
<input type="checkbox"/>	L3	L2 or l1	11
<input type="checkbox"/>	L2	cuzp-\$ or puzp-\$ or uugp-\$ or guzp-\$	5
<input type="checkbox"/>	L1	cgzp-\$ or pgzp-\$ or ggzp-\$ or ugzp-\$	10

END OF SEARCH HISTORY



chain nodes :

7 8 9 10 17 18 19 20 21 23 25

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

3-21 5-7 6-8 8-9 8-10 9-12 15-17 17-18 18-19 18-20 21-23 23-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

exact/norm bonds :

3-21 8-9 8-10 9-12 15-17 17-18 18-20 21-23 23-25

exact bonds :

5-7 6-8 18-19

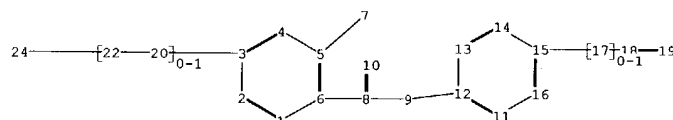
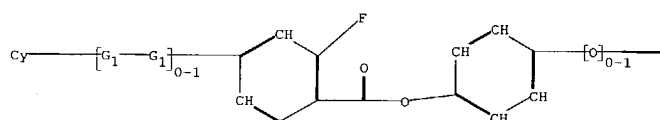
normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

G1:C,O

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS  
18:CLASS 19:CLASS 20:CLASS 21:CLASS 23:CLASS 25:Atom



chain nodes :

7 8 9 10 17 18 19 20 22 24

ring nodes :

1 2 3 4 5 6 11 12 13 14 15 16

chain bonds :

3-20 5-7 6-8 8-9 8-10 9-12 15-17 17-18 18-19 20-22 22-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

exact/norm bonds :

3-20 8-9 8-10 9-12 15-17 17-18 20-22 22-24

exact bonds :

5-7 6-8 18-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16

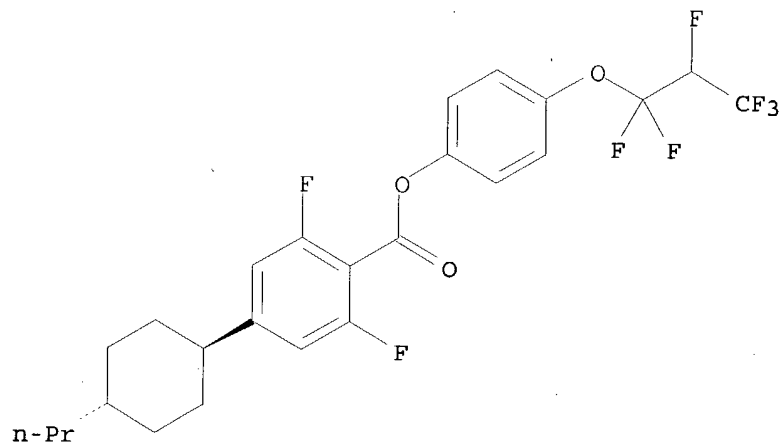
G1:C,O

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS  
18:CLASS 19:CLASS 20:CLASS 22:CLASS 24:Atom

L4 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 333975-17-0 REGISTRY  
 CN Benzoic acid, 2,6-difluoro-4-(trans-4-propylcyclohexyl)-,  
 4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C25 H24 F8 O3  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation); PRP (Properties); USES (Uses)

Relative stereochemistry.

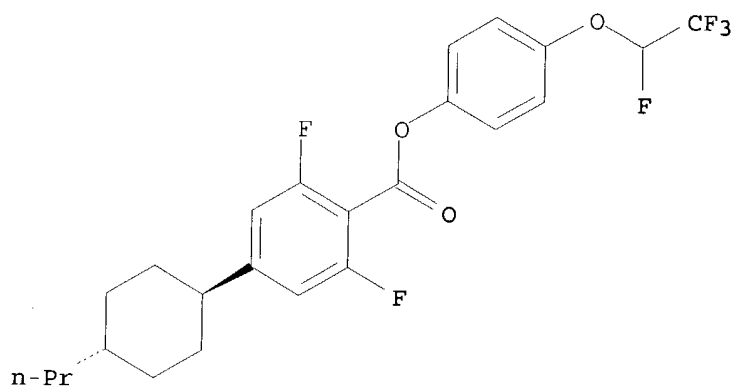


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 333975-16-9 REGISTRY  
 CN Benzoic acid, 2,6-difluoro-4-(trans-4-propylcyclohexyl)-,  
 4-(1,2,2,2-tetrafluoroethoxy)phenyl ester (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C24 H24 F6 O3  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation); PRP (Properties); USES (Uses)

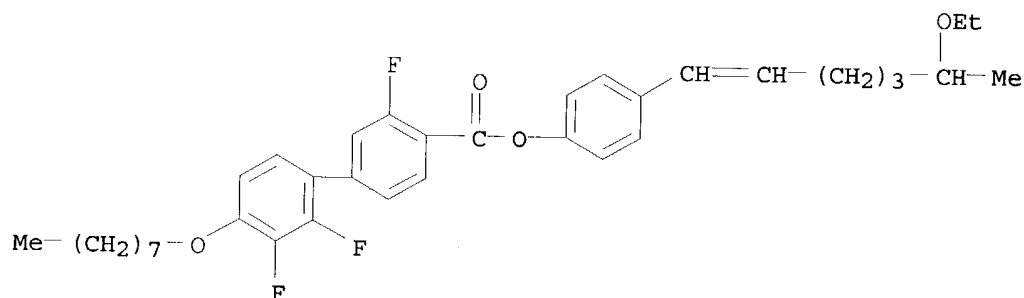
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 178256-74-1 REGISTRY  
CN [1,1'-Biphenyl]-4-carboxylic acid, 2',3,3'-trifluoro-4'-(octyloxy)-, 4-(6-ethoxy-1-heptenyl)phenyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C36 H43 F3 O4  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); PRP (Properties)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:265539 CAPLUS  
 DN 134:303131  
 TI Liquid crystalline phenol esters and liquid crystal mixture suitable for liquid crystal display  
 IN Reiffenrath, Volker; Heckmeier, Michael; Poetsch, Eike; Krause, Joachim; Binder, Werner; Schuler, Brigitte; Goetz, Achim  
 PA Merck Patent G.m.b.H., Germany  
 SO PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025370	A1	20010412	WO 2000-EP9133	20000918
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 19947954	A1	20010412	DE 1999-19947954	19991006
	EP 1255799	A1	20021113	EP 2000-967700	20000918
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003511390	T2	20030325	JP 2001-528527	20000918
	TW 507003	B	20021021	TW 2000-89120480	20001002
PRAI	DE 1999-19947954	A	19991006		
	WO 2000-EP9133	W	20000918		
OS	MARPAT 134:303131				
RE.CNT 5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:397132 CAPLUS  
 DN 125:72055  
 TI Ester derivatives as liquid crystal compound and their manufacture  
 IN Fujimoto, Yukari; Matsumoto, Tsutomu; Minamii, Masayoshi  
 PA Sumitomo Chemical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 18 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08081417	A2	19960326	JP 1994-221991	19940916
PRAI	JP 1994-221991		19940916		

=> dis 2 hitstr

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 IT 178256-74-1P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (prepared as liquid crystal compound)  
 RN 178256-74-1 CAPLUS  
 CN [1,1'-Biphenyl]-4-carboxylic acid, 2',3,3'-trifluoro-4'-(octyloxy)-,  
 4-(6-ethoxy-1-heptenyl)phenyl ester (9CI) (CA INDEX NAME)

